

Remarks

This Response is being submitted in response to the Office Action dated February 24, 2005, for which a response is due by June 24, 2005 with the enclosed request for a one-month extension. In the Office Action, claims 1, 2, 17-18 and 34 were rejected under 35 U.S.C. 102(b) as being anticipated by U.S. Patent No. 6,748,202 issued to Syrjärinne et al ("Syrjärinne"). In addition, claims 3-13, 14-16, 19-29, 30-33, 35-43 and 44-46 were rejected under 35 U.S.C. 103(a) as being unpatentable over Syrjärinne in view of U.S. Patent No. 6,308,081 issued to Kolmonen. Claims 1-46 remain pending. Reexamination and reconsideration in light of the remarks made below are respectfully requested.

Applicant submits that Syrjärinne, taken alone or in combination with Kolmonen, fails to teach or suggest the arrangement of the pending independent claims. In particular, Applicant submits that the cited references fail to teach the "first network node securely transmits communication signals to said second network node using one or more spatial parameters unique to said second network node," as recited in claim 1.

In paragraph 1 of the Office Action, the examiner has equated the cellular base station 24 of Syrjärinne with the "first network node," as recited in claim 1, and equated the GPS receiver 10 with the second network node also recited in claim 1. While Applicant does not necessarily agree with this position, even if true, Applicant still respectfully submits that there is no teaching or suggestion

anywhere in Syrjärinne for the proposition that the base station 24 is transmitting any signal to the GPS receiver 10 “using one or more spatial parameters unique to said second network node,” as recited in the present independent claims. As will be described in more detail below, Syrjärinne is directed merely to “a way to timestamp data frames in the cellular phone with GPS-time” (Syrjärinne, Col. 7, lines 39-40).

FIG. 2 of Syrjärinne sets forth the complete set of interactions between the base station 24 and a GPS receiver 10. In that figure, only one communication from the base station 24 to the GPS receiver 10 is described. In particular, according to step 31 of that figure, “a (downlink) frame is transmitted by the base station 24 according to a local clock (not shown).” (Syrjärinne, Col. 7, lines 43-45)(emphasis added). Nothing unique to the GPS receiver, let alone anything involving spatial parameters, is used in transmitting the described data frame. This alone indicates that Syrjärinne fails to anticipate or render obvious the present independent claims.

Continuing to refer to FIG. 2 of Syrjärinne, it is clear that the PVT solution used to determine the GPS time is generating by the GPS receiver 10, which the examiner equates with the recited “second network node.” For example, step 34 of FIG. 2 is where the “GPS module performs PVT solution.” The only description provided on how this PVT solution is then used is to “estimate the clock drift for the base station clock (not shown) used in timing

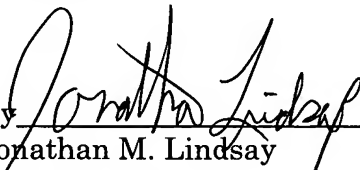
frame transmission.” ((Syrjärinne, Col. 8, lines 13-14). The PVT solution is not described as being used in any other operation.

Applicant respectfully submits that the application is now in condition for allowance. Applicant further submits that the dependent claims are allowable by virtue of depending on allowable base claims. If there are any questions regarding this Response or the application in general, a telephone call to the undersigned would be appreciated since this should expedite the prosecution of the application for all concerned.

Respectfully submitted,

CROWELL & MORING LLP

Dated: June 23, 2004

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Jay Harris

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